

U.S. Robotics®

Model 9001
SureConnect™
ADSL Ethernet Modem

Broadband

DSL Internet access with Ethernet flexibility for home and small business users



U.S. Robotics, the company trusted by a generation to connect to the Internet, now provides a full line of high-quality, high-performance *SureConnect* ADSL modems.

The 9001 ADSL Ethernet modem is ideal for residential and small office/home office self-installations – just connect to any 10/100 Ethernet network card.

Works with any operating system and includes software tools for trouble-free operation* – all from the world's #1 selling modem brand.

This is just what my growing business needs to stay connected



Ready. Set. Connect.™

***SureConnect*TM** **ADSL Ethernet** **Modem** **MODEL 9001**

- AutoSynch technology makes setup fast and easy
- *SureConnect* software tools for complete product support
- Suspend data traffic to and from your computer when you are away
- Stackable, modular design
- Meets or exceeds key industry standards

Features & Benefits

Easy Self-Installation – *SureConnect* software simplifies installation by automatically checking the computer for minimum system requirements*. And with U.S. Robotics AutoSynch technology, setup is fast – necessary DSL values are automatically determined and set!

***SureConnect* Utility Software** – Sets a new standard of convenience and ease of use by providing diagnostics, complete Web-based support, online documentation, and connection monitoring. *SureConnect* software provides support tools so users can monitor basic modem and DSL service performance. Service technicians can utilize a special “technician mode” to run advanced diagnostics, monitor system performance, and perform control/configuration functions*.

SecureConnection – Experience a more secure broadband connection and protection from hackers with U.S. Robotics SecureConnection. The SecureConnection lock feature allows users to suspend data traffic when they step away from their computer or when they are not actively surfing the Internet†.

Expandability – Ethernet compatibility ensures operation with any operating system while the durable, modular design means components can be conveniently stacked to minimize desktop clutter. Add home networking capability with a U.S. Robotics router or wireless access point (see www.usr.com)‡.

Superior Performance – Meets or exceeds the TR-048 benchmark standard for ADSL performance testing (developed by the DSL Forum), UR-2, and other key industry/telco performance requirement standards. Download rates up to 8 Mbps – that’s over 145 times faster than 56K analog dial-up modems – provide the speed and bandwidth for streaming audio and video, remote network access/telecommuting, online gaming, and more!†

Total Product Support – *SureConnect* products feature complete software, documentation, online software upgrades, and complete product support for long service life and trouble-free operation.

Minimum System Requirements

- Pentium or faster compatible CPU
- Any computer with Ethernet 10/100 RJ-45 interface
- 32 MB RAM
- 10 MB hard disk space
- Any operating system that supports an Ethernet connection with an IP stack
- *SureConnect* Installation CD-ROM requires Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, or Windows XP

Minimum System Requirements – ADSL Network
 ADSL and Internet service from your local telephone company or Internet Service Provider (ISP)

Interfaces/Connectors

- RJ-45 Ethernet to PC or router
- RJ-11 to telephone line
- DC into power supply

Standards and Specifications

- Analog Devices 6484/6480 Eagle ADSL Chipset
- Supports full-rate G.DMT (ITU-T G.992.1) and T1.413 Issue 2 ADSL: up to 8 Mbps downstream and up to 1 Mbps upstream†
- Supports G.lite (ITU-T G.992.2) ADSL: up to 1.5 Mbps downstream and up to 512 Kbps upstream†
- Supports DSL handshaking (ITU-T G.994.1)
- Multi-DSLAM interoperability including Alcatel, Globespan, Texas Instruments, and Analog Devices-based DSLAMs (results available upon request)
- RFC 2684 (formerly RFC-1483) – Bridged or Routed Multi-protocol over ATM
- RFC 2516 – PPP over Ethernet (third-party client needed)
- Local loop to central office at up to 18,000 feet (5400 meters) when coexisting with plain old telephone service (POTS)
- Annex A

ATM Attributes

- AAL type: AAL 5
- ATM Service Class: UBR
- DSL Auto-provisioning & ILMI V4.0
- Virtual Circuit Support: 1 PVC
- End-to-end loopback: OAM

LEDs/Indicators

- Power
- Ethernet
- ADSL

Operating Environment

- Temperature conditions: 32 - 122° F (0 - 50° C)
- Operating humidity: 5% to 95% non-condensing

Regulatory Agency Approvals

- FCC approved: Part 68 and Part 15, Class B
- IC approved: CS-03 and ICES-003
- UL listed
- CUL listed

Package Contents

- U.S. Robotics *SureConnect* ADSL Ethernet Modem
- RJ-11 Phone Cord (4 wire) (26 AWG)
- Ethernet Cable (6 ft/1.83 m)
- Quick Installation Guide
- U.S. Robotics *SureConnect* Installation CD-ROM
- AC Power Adapter

Dimensions/Weight

- Length 4.3 in. (10.9 cm)
- Width 7.1 in. (18.0 cm)
- Height 1.7 in. (4.3 cm)
- Weight 8.2 oz (0.25 kg)

Warranty

- Two-year limited warranty from date of purchase

Model Number

- 9001 ADSL Ethernet Modem



For connection to the Public Switched Telephone Network (PSTN)

* *SureConnect* Installation CD-ROM requires Windows 95, Windows 98, Windows Me, Windows NT 4.0, Windows 2000, or Windows XP.

† Some Internet Service Providers (ISPs) may have additional requirements, may not allow Internet sharing, and/or may charge additional service fees.

‡ Actual speeds may vary. Speed obtained is determined by the provisioned speed of broadband Internet Service Provider (ISP), loop length and quality, and other factors.

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